

Scaled data based on original data using  
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-State  
Lighting Products

Test Report Prepared for

Cooper Lighting Solutions

(formerly Eaton)

Brand: METALUX

Report Number: P568433

Luminaire Tested: **24CGTX-30HE-L930**

Issue Date: 9/19/2022

**Test Information**

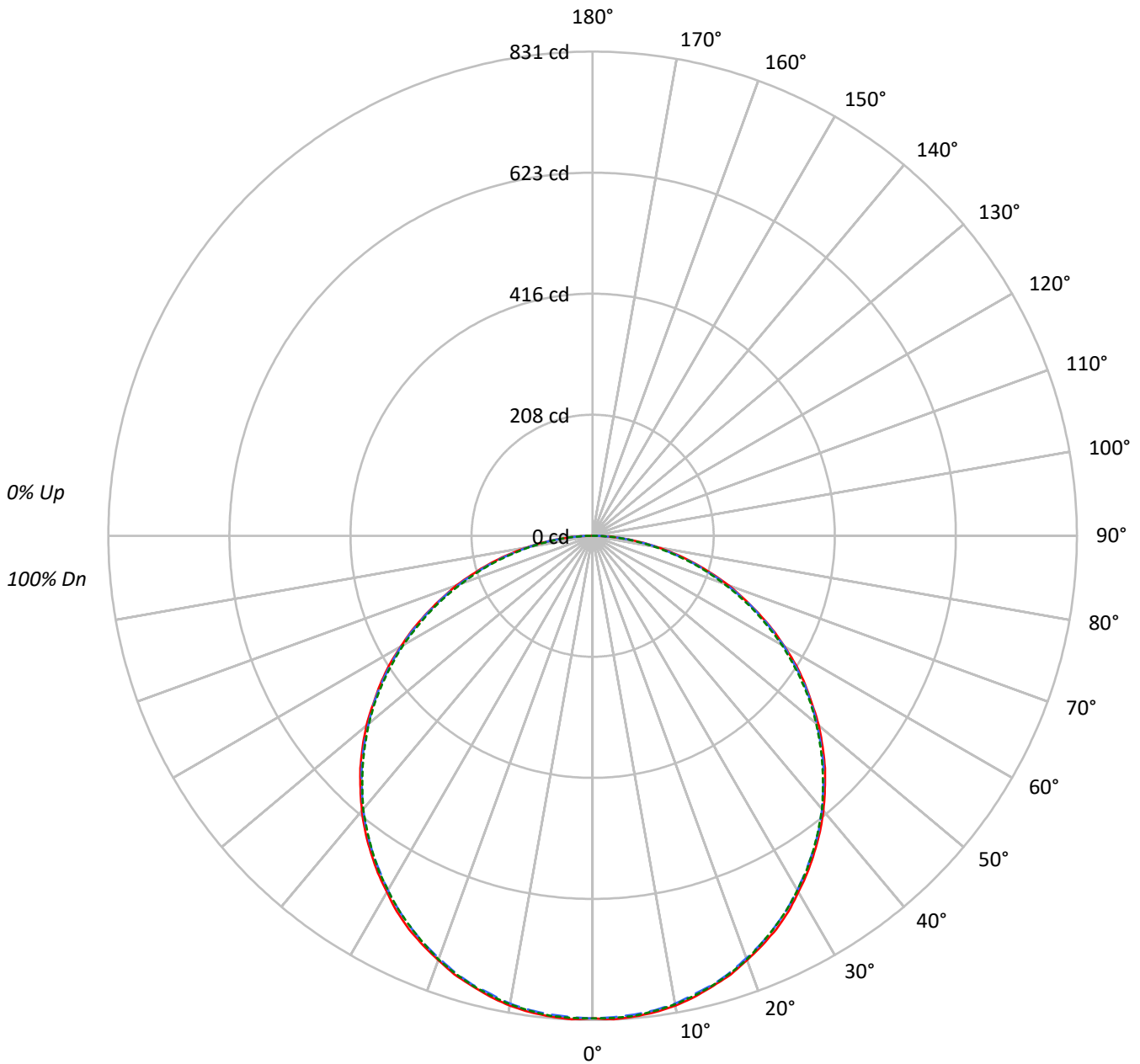
Test Method: LM-79-08  
Report Number: P568433  
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G3-2206-672-1)  
Test Lab: INNOVATION CENTER  
Issue Date: 9/19/2022  
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)  
Product Line: METALUX  
Catalog Number: 24CGTX-30HE-L930  
Description: 2X4 3000 LUMEN, HIGH EFFICACY, LED PANEL WITH SMOOTH WHITE FROSTED ACRYLIC LENS AND 3000K, 90CRI LEDS  
Light Source: -  
Ballast/Driver: -

**Summary**

Lumens per Lamp: N/A  
Luminaire Lumens: 2434.0 lumens  
Efficiency: N/A  
Efficacy: 109.1 lumens/watt  
Spacing Criteria (0/90/45): 1.27 / 1.26 / 1.38  
Luminous Opening: Rectangular (W 2' x L: 4' x H: 0')  
CIE Type: Direct  
  
Input Watts (W): 22.3  
Input Voltage (V): NR  
Input Current (A<sub>in</sub>): NR  
Voltage Rise (V): NR  
Power Factor: NR  
Total Harmonic Distortion (THDi): NR  
Frequency (hertz): 60  
Stabilization Time: NR  
Operation Time: NR  
Ambient Temperature (°C): NR  
Test Distance: 25 FT

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### Luminous Intensity Polar Plot





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**COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:**

RF	20					20					20					20					20					
RC	80					70					50					30					10					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0					
RCR																										
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100								
1	108	103	99	95	106	101	97	93	97	94	90	93	90	88	89	87	85	83								
2	98	90	83	77	96	88	81	76	84	79	74	81	76	72	78	74	71	69								
3	89	79	70	64	87	77	69	63	74	67	62	71	66	61	69	64	60	58								
4	82	70	61	54	79	68	60	53	66	58	53	63	57	52	61	56	51	49								
5	75	62	53	46	73	61	52	46	59	51	45	57	50	45	55	49	44	42								
6	69	56	47	40	67	55	46	40	53	45	40	51	45	39	50	44	39	37								
7	64	51	42	35	63	50	41	35	48	41	35	47	40	35	45	39	35	32								
8	60	46	37	32	58	45	37	31	44	37	31	43	36	31	42	35	31	29								
9	56	42	34	28	54	42	34	28	41	33	28	39	33	28	38	32	28	26								
10	52	39	31	26	51	38	31	26	37	30	26	37	30	25	36	30	25	24								

**AVERAGE LUMINANCE (cd/sqm):**

	0°	45°	90°
0°	1114	1114	1114
5°	1119	1114	1117
10°	1119	1114	1116
15°	1114	1111	1112
20°	1110	1105	1108
25°	1106	1099	1099
30°	1097	1091	1091
35°	1090	1084	1084
40°	1082	1075	1075
45°	1073	1066	1061
50°	1061	1051	1048
55°	1044	1038	1030
60°	1022	1019	1009
65°	997	994	979
70°	976	957	938
75°	938	913	895
80°	883	864	828
85°	806	787	752



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**ZONAL LUMENS:**

Zone	Lumens	% Fixture
0°-10°	78.5	3.2
10°-20°	225.1	9.2
20°-30°	341.5	14.0
30°-40°	413.3	17.0
40°-50°	431.7	17.7
50°-60°	394.9	16.2
60°-70°	307.4	12.6
70°-80°	185.2	7.6
80°-90°	56.4	2.3
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	645.1	26.5
0°-40°	1058.3	43.5
0°-60°	1884.9	77.4
0°-90°	2434.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	2434.0	100.0

**CANDELA DISTRIBUTION:**

	0°	22.5°	45°	67.5°	90°	Flux
0°	828	828	828	828	828	
5°	828	826	825	825	827	79
15°	800	798	798	796	799	226
25°	745	742	740	739	740	343
35°	663	661	660	660	660	415
45°	564	560	560	558	558	434
55°	445	444	443	439	439	398
65°	313	313	312	307	307	311
75°	180	178	176	172	172	190
85°	52	51	51	49	49	58
90°	0	0	0	0	0	



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**CANDELA DISTRIBUTION (FULL):**

	0°	22.5°	45°	67.5°	90°
0°	828.3	828.3	828.3	828.3	828.3
2.5°	830.7	828.3	827.1	827.1	828.3
5°	828.3	825.9	824.8	824.8	827.1
7.5°	824.8	821.2	821.2	820.0	822.4
10°	818.8	815.3	815.3	814.1	816.5
12.5°	810.5	807.0	805.8	805.8	808.1
15°	799.8	797.5	797.5	796.3	798.6
17.5°	789.2	785.6	785.6	784.4	786.8
20°	774.9	772.5	771.4	771.4	773.7
22.5°	760.7	758.3	757.1	757.1	757.1
25°	745.2	741.7	740.5	739.3	740.5
27.5°	727.4	722.7	722.7	721.5	722.7
30°	706.1	703.7	702.5	701.3	702.5
32.5°	685.9	682.4	681.2	682.4	682.4
35°	663.4	661.0	659.8	659.8	659.8
37.5°	640.8	637.3	637.3	636.1	636.1
40°	615.9	613.5	612.3	612.3	612.3
42.5°	589.8	587.4	586.2	585.0	585.0
45°	563.7	560.1	560.1	557.7	557.7
47.5°	535.2	532.8	531.6	529.3	529.3
50°	506.7	504.3	502.0	502.0	500.8
52.5°	474.7	474.7	473.5	471.1	471.1
55°	445.0	443.8	442.6	439.1	439.1
57.5°	414.2	413.0	410.6	407.0	407.0
60°	379.7	379.7	378.6	373.8	375.0
62.5°	347.7	346.5	345.3	341.8	340.6
65°	313.3	313.3	312.1	307.4	307.4
67.5°	280.1	280.1	277.7	272.9	272.9
70°	248.0	244.5	243.3	239.7	238.5
72.5°	212.4	211.2	208.9	205.3	205.3
75°	180.4	178.0	175.6	172.1	172.1
77.5°	146.0	143.6	141.2	140.0	137.7
80°	113.9	112.7	111.5	108.0	106.8
82.5°	81.9	80.7	79.5	78.3	77.1
85°	52.2	51.0	51.0	48.7	48.7
87.5°	22.5	23.7	21.4	22.5	21.4
90°	0.0	0.0	0.0	0.0	0.0



Report Generated By 670246072 / DESKTOP-MV3F9LC







— 0°-180°    - - 45°-225°    - - - - 90°-270°







(END OF REPORT)